

California OES Weather Threat Briefing

November 11, 2018
9:00 AM PST

- **Day 1 Primary Hazards:** Widespread critical fire weather conditions across the state.

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



Key Points

11/11/18 - 11/17/18

Sunday

- Widespread critical fire weather will continue across all regions of California today, due to gusty winds and very dry conditions.

Monday - Tuesday

- A strong Santa Ana wind event will continue across much of the Southern Region. Combined with the very dry conditions, this will lead to very critical fire weather across the area.
- Winds in the Coastal and Inland Regions are expected to decrease by Monday morning, though elevated fire weather conditions will persist through the week with very dry relative humidity.

Wednesday - Saturday

- The Santa Ana winds should largely subside by Wednesday, but elevated fire weather conditions will persist through the rest of the week. No precipitation is currently expected through Saturday.

All Days

- Widespread poor air quality due to smoke likely to continue.



California Weather Impacts

11/11/18 - 11/17/18

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
Non-Thunderstorm Damaging Winds	Southern	Southern	Southern				
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	Southern	Southern	All Regions	All Regions	All Regions	All Regions
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

Inland and Coastal Regions Summary

- Critical fire weather conditions will continue across much of northern and central California today; this includes the Camp Fire.
- **Wind Speeds**
 - Sustained winds 15 to 30 with gusts 30 to 45 mph in many locations.
 - Local gusts of 50 to 60 mph possible in the mountains, including the peaks of the North Bay Mountains and East Bay Hills in the SF Bay Area.
- **Relative humidity**
 - Very dry- 5 to 15 percent, with poor overnight recovery.
- The strongest winds will generally persist through today, then decrease Monday morning. Elevated fire weather conditions will linger through much of the week.



Southern Region Summary

- Winds begin to increase significantly today. The strongest winds are expected today through early Tuesday.
- **Wind speeds**
 - Sustained winds 20-35 mph with gusts 45-60 mph are generally expected
 - Higher gusts up to 60-70 mph possible in the mountains and other prone locations
- **Relative Humidity**
 - Extremely dry: 3-10 percent, with poor overnight recoveries
- Winds should generally decrease through the day Tuesday, but elevated fire weather conditions will persist through the week.



Santa Ana Wildfire Threat Index

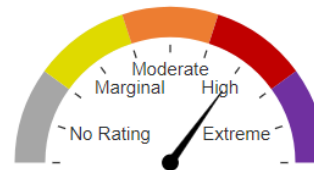
Strong Santa Ana event across southern California starting today.

<https://fsapps.nwcg.gov/psp/sawti>

NO RATING	Winds are either not expected, will not contribute to significant fire activity.
MARGINAL	Upon ignition, fires may grow rapidly.
MODERATE	Upon ignition, fires will grow rapidly and will be difficult to control.
HIGH	Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.
EXTREME	Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.

Zone 1: LA-Ventura

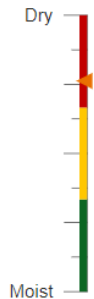
Threat Level



Wind Strength



Fuel Moisture



Zones	Sun/Nov 11	Mon/Nov 12	Tue/Nov 13
Zone 1: LA-Ventura	High	High	Marginal
Zone 2: Orange-Inland Empire	Marginal	Moderate	Moderate
Zone 3: San Diego	Marginal	High	High

6-10 Day Outlook

Temperatures

- Above normal temperatures likely for the entire state

Precipitation

- Below normal precipitation is favored for most of the state

8-14 Day Outlook

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Equal chances of above or below normal precipitation



Information provided by:

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